

**From:** [Michael PINTO](#)  
**To:** [Bury, Carolyn](#)  
**Subject:** FW: Halowax Area Containment Wall Inspection ~COR-018224-04~  
**Date:** Wednesday, April 30, 2014 2:48:54 PM  
**Attachments:** [removed.txt](#)

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Carolyn,

CRA has completed an inspection of the Halowax Area containment wall performed in response to the photos Amy Mucha took last year showing leaking from a sheet pile wall in the vicinity of the East Plan. CRA provided the email below describing the results of the inspection. It does not appear that the halowax wall is leaking.

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**From:** Swanson, Peter [mailto:[pswanson@croworld.com](mailto:pswanson@croworld.com)]  
**Sent:** Tuesday, April 29, 2014 11:21 AM  
**To:** Michael PINTO  
**Cc:** Canfield, David; Project Email Filing  
**Subject:** Halowax Area Containment Wall Inspection ~COR-018224-04~

Mike,

In response to the picture you received from the EPA late last year (attached), we were able to inspect the Halowax Area sheet pile containment wall on 4/28/14. Inspection was performed by boat and we were able to examine the entire length. To perform the inspection we had one technician on land and one in the boat. We were equipped with life jackets, a ring bouy and safety rope. We took pictures by "station" along the wall (Station 0 is at the north edge, Station 49 at the south edge). We have attached representative pictures. All pictures (there are more than 50) can be provided upon request.

The wall was in good condition; no holes or weeping water was observed. There were some dents, seams and welded sections observed but the dents did not penetrate and the seams/welds were dry and located at elevations above the GW table/surface water. Some examples of the dents/seams/welded sections are attached. Comparing the picture sent by the EPA to the current height of exposed containment wall, we are confident that the current water elevation would not hide the EPA-pictured damage.

Based on observations made, and taking into account the vegetation shown in the EPA picture, we are confident that the EPA-pictured area is not associated with the Halowax Area containment wall.

The picture is most likely from the sheet pile wall located on Arkema property but south of (and separate from) the Halowax Area. Similar sheeting is in place along the shoreline adjacent to and south of the former pump house, which is located hundreds of feet south of the Halowax Area (see pictures titled "Sheet Pile South of Pump House", attached). That sheeting is present to prevent erosion of the shoreline. It is not used as hydraulic containment.

If you have any questions or require additional information, please let us know.

Regards,

Pete

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**Pete Swanson, P.E.**

**Conestoga-Rovers & Associates (CRA)**

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\*\*\*\*\* ATTACHMENT REMOVED \*\*\*\*\*

This message contained an attachment which the administrator has caused to be removed.

\*\*\*\*\* ATTACHMENT REMOVED \*\*\*\*\*

Attachment name: [image001.jpg]  
Attachment type: [image/jpeg]